

CONTRACT DATA REQUIREMENTS LIST

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.				B. EXHIBIT		C. CATEGORY: TOP _____ TM _____ OTHER _____																			
D. SYSTEM/ITEM 1560 00 073-2500				E. CONTRACT/PR NO.		F. CONTRACTOR																			
1. DATA ITEM NO. 0001		2. TITLE OF DATA ITEM CERTIFICATION DATA REPORTS				3. SUBTITLE DETAILED PROCESS/OPERATION SHEETS																			
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T1				5. CONTRACT REFERENCE		6. REQUIRING OFFICE DSC Richmond																			
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED		10. FREQUENCY AS REQUIRED		12. DATE OF FIRST SUBMISSION BLOCK 16*		14. DISTRIBUTION																	
8. APP CODE A				11. AS OF DATE		13. DATE OF SUBSEQUENT SUBMISSION BLOCK 16*		<table border="1"> <tr> <th colspan="3">b. COPIES</th> </tr> <tr> <th>Draft</th> <th>Reg</th> <th>Repro</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>		b. COPIES			Draft	Reg	Repro										
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4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T2				5. CONTRACT REFERENCE		6. REQUIRING OFFICE DSC Richmond																			
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G. PREPARED BY Deborah E. Wilson				H. DATE 23 Feb 04		I. APPROVED BY James Blair		J. DATE 27 Feb 04																	

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

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For more information
CALL 800-375-2485

A. Contract Line Item No.	B. Exhibit	C. Category	ENGINEERING
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D. System Item	E. Contract PR NO.	F. Contractor
1560-00-073-2500		

1. Data Item No. 0905	2. Title of Data Item: CERTIFICATION DATA REPORTS	3. Subtitle: SEE BLOCK 16
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1. Authority (Data Acquisition Document No.) DI-MISC-88678 T3	5. Contract Reference	6. Receiving Office (OSC RICHMOND)
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7. DD 250 Req LT	9. Dist Statement Required	10. Frequency AS REQUIRED	12. Date of First Submission BLOCK 16*	14. Distribution		
8. APP Code A		11. As of Date	13. Date of Subsequent Submission BLOCK 16**	a. Addressee	b. Copies	
					Draft	Final
					Reg	Repro

[illegible]

G. PREPARED BY Deborah E. Wilson	H. DATE 25 Feb 01	I. APPROVED BY [Signature]	J. DATE 27 Feb 01
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MANDATORY QUALITY ASSURANCE PROVISIONS

P/N: (77272) 107R3581-3

NOMEN: EXTENSION, LUBRICATOR – ROTOR SWASHPLATE

NSN: 1560-00-073-2500

CRITICAL SAFETY ITEM: 23 FEBRUARY 2004

APPLICABLE CLAUSES:

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (77272) 107R3581, Revision E, or latest revision, Naval Air Depot (NAVAIRDEPOT) Cherry Point Drawing Change Notice (DCN) 3581.01.2, and all details and specifications referenced therein.

I. Parts list sheets Revision "E" or latest revision date shall be utilized in manufacture of the articles to be furnished hereunder.

II. Quality/Inspection Requirements

- A. MIL-I-45208 applies or ISO 9000 equivalent.
- B. Production Lot Testing applies. (Government Testing)
- C. Mandatory Inspection applies.

III. Supplemental Requirements

- A. Additionally, paragraphs 3.1-3.5, 5.1-5.2, and 6.1-6.2 of MIL-Q-9858 or ISO 9000 equivalent applies.
- B. The contractor shall identify on the process/operation sheets, a tracking method that is traceable to the contract, all manufacturing sources performing processes/operations outside of their facilities. These sheets shall not be revised or altered after the successful completion of First Article or Production Lot Testing without approval from the ESA located at the Naval Air Depot, Cherry Point, North Carolina, via the PCO.
- C. The Inspection Method Sheets, which list the characteristics of each item produced under the contract shall have serial number traceability to the raw material, casting, or forging. The tracking method used on the inspection/method sheets shall be traceable to the contract. In addition, the contractor is responsible for providing completed inspection method sheets showing the actual dimensions taken of all critical characteristics.
- D. The contractor shall provide all certificates of compliance for any material purchased or any processes performed by a sub-vendor, i.e. heat treat, NDI, plating, painting, etc. All material and/or process sub-vendors shall be OEM approved sources.

MANDATORY QUALITY ASSURANCE PROVISIONS continued

E. Markings should be I/A/W MIL-STD-130L or latest revision. Method and location shall be I/A/W drawing.

IV. Mandatory Inspection Requirements

During production, mandatory inspection is required to be accomplished by the contractor as follows:

A. Level of Inspection (LOI).

- 1) Critical Characteristics: 100% inspection shall apply
- 2) Major and Minor Characteristics - LOI shall be I/A/W sampling plan acceptable to the QAR

B. Critical Characteristics Boeing P/N (77272) 107R3581-3:

- 1) 1/4-28 UNF-3B Thread Class
- 2) Material Composition: 4130 Bar Stock per MIL-S-6758 Condition F
- 3) Heat Treat: 125,000 PSI
- 4) Finish requirements IAW PS-362

C. Major and Minor Characteristics

- 1) Shall be defined by the contractor subject to QAR concurrence, unless defined on applicable drawings and associated specifications.

V. Unless expressly provided for elsewhere in this clause, equipment such as fixtures, jigs dies, patterns, templates, mylars, special tooling, test equipment, or any other manufacturing aid required for the manufacture and/or testing of the subject item(s) will not be provided by the Government and is the sole responsibility of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing or referenced specification.

VI. The below listed drawing applies and is being furnished.

- 1) NAVAIRDEPOT Cherry Point DCN 3581.01.2

PRODUCTION LOT TESTING REQUIREMENTS (GOVERNMENT TESTING)

P/N: (77272) 107R3581-3

NOMEN: EXTENSION, LUBRICATOR – ROTOR SWASHPLATE

NSN: 1560-00-073-2500

CRITICAL SAFETY ITEM: 23 FEBRUARY 2004

The material produced under contract shall be accepted by the cognizant CAO/QAR upon the successful completion of these requirements.

I. Production Lot Test Requirements

A. The cognizant CAO/QAR shall select the applicable number of items at random from the production lot per the ANSI/ASQC Z1.4 Sampling Procedures and Tables for Inspection by Attributes. In addition the QAR shall select the applicable number of items at random from each successive lot or portion thereof per the ANSI/ASQC Z1.4 Sampling Procedures and Tables for Inspection by Attributes.

B. Production Lot Testing to be completed during production after First Article Approval.

C. Sample(s) are to be unpainted. Corrosive areas to be coated with a light preservative.

D. If sample(s) are not destroyed during testing, they will be put into Defense Logistic Agency stock.

II. The tests to be performed under the Production Lot Sample testing provisions of the contract are:

A. Compliance with Boeing Drawing (77272) 107R3581 Rev. E, Naval Air Depot (NAVAIRDEPOT) Cherry Point Drawing Change Notice (DCN) 3581.01.2 and all details and specifications referenced therein.

B. Identification: Verification and certification that the parts are serialized and identified per the requirements of Boeing Drawing (77272) 107R3581 Rev. E and all details and specifications referenced therein.

C. Packaging and Preservation: Verification that the parts have been packaged and preserved per the requirements of the contract.

D. Visual: Verification and certification of the overall workmanship of the Production Lot Sample(s).

E. Dimensional: Verification and certification of 100% dimension check of finished Production Lot Sample(s).

PRODUCTION LOT TESTING REQUIREMENTS (GOVERNMENT TESTING) continued

F. Fit/Form: Verification and certification of fit/form/function to the next higher assembly.

G. Material Analysis:

(a) Verification of 4130 Bar Stock per MIL-S-6758 Condition F

(b) Verification of Heat Treat to 125,000 UTS

H. Review of documentation as provided under DD 1423 requirements.

In addition to the above tests, the Product Lot Sample(s) to be delivered hereunder shall also be subjected to those tests, which will demonstrate that the sample(s) comply with contract requirements.

III. Testing Location

A. The contractor is to ship sample(s) and all required documentation and technical data to:

**Commanding Officer
Naval Air Depot
Attn: AIR-3.3.2 (Mr. Steve Lundberg)
PSC Box 8021
Cherry Point, NC 28533-0021**

B. The shipping container marking: "FOR PRODUCTION LOT TESTING. NON-RFI MATERIAL. DO NOT TAKE UP IN STOCK. CONTRACT NUMBER _____."

Within fifteen (15) days of completion of Production Lot Testing the CAO/QAR shall prepare and submit two (2) copies of their test report with conclusions and recommendations to the Contracting Officer.

A. Fourteen (14) days prior to shipment of Production Lot Sample(s) the contractor shall notify the designated test facility, in writing of the anticipated shipping date, with an information copy to the PCO, ACO and the QAR. The contractor shall also arrange for preliminary inspection of test samples by the CAO/QAR.

B. Upon shipment of the Production Lot Sample(s), two (2) copies of the Material Inspection and Receiving Report (DD Form 250), bearing the QAR's signature and indication of preliminary inspection, shall be forwarded to the PCO/ACO DSCR (Code DSCR-VGC), and the testing facility. In addition, the contractor shall provide all detailed Process/Operation Sheets, Inspection Method Sheets, First Article Test Report (Signed by the QAR), and all Certificates of Compliance for material (including chemical analysis), Magnetic Particle Inspection, any out-sourced process conducted on the Production Lot Sample(s) and all technical

PRODUCTION LOT TESTING REQUIREMENTS (GOVERNMENT TESTING) continued

data used to manufacture the Production Lot Sample(s) to the testing facility. The envelopes shall be clearly marked, "DO NOT OPEN IN MAILROOM".

C. Production Lot Sample(s) may be considered as production items under the contract provided the sample(s) can be refurbished to Ready for Issue (RFI) condition and provided sample(s) have inspection approval from the cognizant DCMAO and the ESA engineer (H-46FST.3 (AIR-4.3.3.3)). Sample(s) may be shipped as production items ONLY after all other units required under contract have been produced and are ready for shipment.

D. Sample(s) will be returned to the contractor. The contractor must provide material disposition instructions to:

Commanding Officer
Naval Air Depot
Attn: AIR-3.3.2 (Mr. Steve Lundberg)
PSC Box 8021
Cherry Point, NC 28533-0021

E. The designated test facility and the contracting officer shall be notified as to all shipping data applicable to the sample(s), such as bill of lading number, method of shipment, etc. within fourteen (14) days prior to shipping.

PRODUCTION LOT TESTING APPROVAL (GOVERNMENT TESTING)

P/N: (77272) 107R3581-3

NOMEN: EXTENSION, LUBRICATOR – ROTOR SWASHPLATE

NSN: 1560-00-073-2500

CRITICAL SAFETY ITEM: 23 FEBRUARY 2004

A. The Production Lot Samples shall be:

1. Selected at random by the cognizant government QAR. Such samples shall be submitted via the cognizant government inspector, and all transportation charges prepaid by the contractor to:

**Commanding Officer
Naval Air Depot
Attn: AIR-3.3.2 (Mr. Steve Lundberg)
PSC Box 8021
Cherry Point, NC 28533-0021**

2. The samples shipping container and samples shall be identified by contract number, lot number and be clearly marked as follows:

**PRODUCTION LOT TEST SAMPLES
NON-RFI MATERIAL
DO NOT TAKE UP IN STOCK**

B. Such samples shall be delivered to the testing facility in sufficient time prior to the delivery date of the production articles to allow a 90 day period for testing and written notification by the contracting officer of the approval or disapproval of the samples. Within 120 days of the receipt of the samples, the testing facility shall notify the contracting officer, PCO/ACO of the results of the testing, together with the recommendation for approval or disapproval.

C. In the event the contractor does not receive written notification of approval or disapproval of the samples for a particular lot within 120 days from their submission for such testing, the contract delivery schedule shall be equitably adjusted as necessary.

D. If the contractor fails to deliver any Production Lot Samples for testing within the time or times specified, or if the contracting officer disapproves any Production Lot Samples, the contractor shall be deemed to have failed to make delivery within the meaning of the default clause of this contract, and this contract shall be subject to termination for default.

E. In order for a Production Lot to be acceptable, all samples representative of the lot must pass all the contract requirements. In the event a sample fails to pass such requirements, the lot will be rejected. In such event, the government may, at its option and at no additional cost to the government, (I) terminated all or any portion of this contract for default, (II) require the manufacture of a new Production Lot, or a rework of the rejected Production Lot if the means and procedures by the contractor for rework are acceptable to the government, or (III) require the

PRODUCTION LOT TESTING APPROVAL (GOVERNMENT TESTING) continued

submission of additional samples for test. The foregoing procedures shall apply to new or reworked Production Lots in the same way as they did to the original Production Lot.

F. For each additional sample or each resubmission of a modified sample which the contractor is required to submit for approval hereunder as a result of a failure of a previous sample to conform to the requirements of the specification, the contractor shall pay to the government the costs of reinspection, examination and retesting and the contractor and his sureties (if any) shall be liable for the amount of such costs.

G. The contractor must provide material disposition instructions to the First Article Coordinator at the Naval Air Depot, Cherry Point, NC (Mr. Steve Lundberg, AIR-3.3.2) for the return of the production lot samples.

H. Nothing contained in the foregoing provisions of this clause, and not action of the government in accordance herewith, shall in any way prejudice the right of the government under this clause of this contract entitled default.

REQUEST FOR ENGINEERING INSTRUCTIONS/TEMPORARY ENGINEERING INSTRUCTIONS				SERIAL NUMBER 3581.01.2	
				LOGBOOK ENTRY REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
ORIGINATING SHOP H46FST.3	DATE 19-Feb-04	AIRCRAFT OR ENGINE MODEL H-46 D/E	BU NO. OR SERIAL NO. AS REQUIRED	<input type="checkbox"/> TEI <input type="checkbox"/> REI	<input checked="" type="checkbox"/> DCN
ORIGINATOR C. J. BLAIR	DATE 19-Feb-04	PRINT NUMBER (77272) 107R3581 REV E	PART NUMBER 107R3581-1/-3	ISSUED BY C. J. BLAIR	DATE 2-20-04
IMMEDIATE SUPERVISOR E. R. WILSON	DATE 19-Feb-04	PART NAME Rotor Swashplate Lubricator Extension		APPROVED E. R. WILSON	DATE 2-20-04
SECTION AFFECTED Sheet 1 of 1		RELEASED BY J. M. TAYLOR		DATE 20 Feb 2004	

DRAWING CHANGE NOTICE

Subj: INCORPORATION OF 107R3581-3 AS SUITABLE SUBSTITUTE FOR 107R3581-1

Ref: (a) Boeing Drawing (77272) 107R3581

1. Purpose and Background:

1.1 This directive will authorize the use of swashplate lubricator extension, P/N 107R3581-3, as a suitable substitute for swashplate lubricator extension, P/N 107R3581-1. The -3 extension is made from 4130 bar stock vice the -C2 casting used for the -1 extension. This material substitution has received Boeing Rotor Design and Stress approval.

1.2 This directive does not result in Value Engineering Savings.

2. Application: This directive applies to all H-46 Rotor Swashplate Lubricator Extensions, P/N (77272) 107R3581-1, -3.

3. Detailed Instructions:

3.1 On Sheet 1 of 1, change Flag Note 3 to read as follows:

3. -3 IS AN ACCEPTABLE SUBSTITUTE FOR -1.

3.2 On Sheet 1 of 1, add next assembly codes N4 and N5 to List of Material block as follows:

PART NO.	DESCRIPTION	CODE NO. FOR NEXT ASS'Y BLOCK
-3	EXTENSION	N1, N4, N5
107R3581-1	EXTENSION	N1, N2, N3, N4, N5

DISTRIBUTION

ACTION:

3.3.2, 3.3.3, 6.2.94303

INFO:

QE BRANCH 6.4.2, 6.1.3.3, H46FST.3

**REQUEST FOR ENGINEERING INSTRUCTIONS/TEMPORARY
ENGINEERING INSTRUCTIONS**

DCN SERIAL NUMBER	3581.01.2
(CAGE) DRAWING NUMBER	(11272)
PART NUMBER	107R3581
SHEET NUMBER	2 of 2

3.3 On Sheet 1 of 1, add new entries in Next Assembly block as follows:

MODEL PART NO. CODE NEXT ASSEMBLY

H-46D/E N5 423R3504

H-46D/E N4 107R3504

3.4 The point of contact concerning this matter is Jason Blair, H46FST.3, ext. 4-9723.

4. **Cancellation:** This directive shall remain in effect until its intent has been incorporated on the face of the drawing, or is otherwise canceled or superceded.